

PRELIMINARY AMENDMENT

New U.S. Patent Application to Tsutomu YOSHITAKE et al.

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1 - 18 (canceled).

19. (new): An electric device comprising at least a heat-producing section which produces heat during operation; a heat-dissipating section which is arranged adjacent to the heat-producing section for removing heat produced in the heat-producing section; and a fuel cell which serves as an electric power source and uses a fuel being liquid at ordinary temperature, wherein the fuel cell comprises a fuel-supply section and a power-generating section, and wherein at least part of the fuel-supply section is arranged in the heat-dissipating section.

20. (new): The electric device according to claim 1, wherein the fuel-supply section comprises a fuel tank and a fuel channel, and wherein at least part of the fuel channel is arranged in the heat-dissipating section.

21. (new): The electric device according to claim 2, wherein the fuel tank is arranged at such a position as to absorb the heat of the heat-producing section.

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22. (new): The electric device according to claim 2 or 3, wherein the heat-dissipating section, the heat-producing section and the fuel tank are stacked.

23. (new): The electric device according to any one of claims 1 to 3, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

24. (new): The electric device according to any one of claims 1 to 3, wherein the electric device further comprises a display section, and wherein the heat-producing section comprises an information processing section which houses an electronic circuit including a CPU.

25. (new): The electric device according to claim 6, wherein the power-generating section is arranged adjacent to the heat-producing section or the display section.

26. (new): The electric device according to claim 6, wherein the power-generating section comprises at least an electrolyte, a fuel electrode and an oxidant electrode sandwiching the electrolyte, and wherein the fuel electrode is arranged adjacent to the display section.

27. (new): A method for driving the electric device of claim 1, comprising the steps of cooling the heat-producing section with a liquid fuel supplied to the fuel-supply section being

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arranged in the heat-dissipating section, and supplying the liquid fuel absorbing heat of the heat-producing section to the power-generating section.

28. (new): A fuel cell for supplying electric power to an electric device including a heat-producing section which produces heat during operation, comprising a fuel-supply section and a flow-rate-control section, the fuel-supply section being so configured as to supply a fuel absorbing heat of the heat-producing section to the fuel electrode, and the flow-rate-control section controlling the flow rate of the fuel to be supplied to the fuel electrode according to the heat production level of the heat-producing section.

29. (new): The fuel cell according to claim 10, wherein the fuel is liquid at ordinary temperature.

30. (new): The electric device according to claim 4, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

31. (new): The electric device according to claim 4, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.

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32. (new): The electric device according to claim 5, wherein the fuel-supply section comprises a flow-rate-control section for controlling the flow rate of a fuel to be supplied according to the heat production level of the heat-producing section.